

Please type a plus sign (+) inside this box → ☐

Approved for use through 09/30/00. OMB 0851-0032  
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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 22010-135/IL2CON2 Total Pages 45

First Named Inventor or Application Identifier

Joseph W. Lyding et al.

Express Mail Label No. EM 065 140 758 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents,  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 31]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

3. ☒ Drawing(s) (35 USC 113) [Total Sheets 3]

4. Oath or Declaration [Total Pages 4]

- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
(Note Box 5 below)

- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☒ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity ☐ Statement filed in prior application,  
Statement(s) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other: \_\_\_\_\_

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09 020,565

**18. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

NAME	Kenneth A. Gandy				
	Woodard, Emhardt, Naughton, Moriarty & McNett				
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	111 Monument Circle				
CITY	Indianapolis	STATE	Indiana	ZIP CODE	46204-5137
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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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Date of Deposit September 25, 1998

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37CFR § 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Patricia Mentry  
Signature of person mailing paper or fee

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PTO/SB/17 (12-97)  
Approved for use through 9/30/00. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<h2 style="margin: 0;">FEE TRANSMITTAL</h2> <p style="font-size: small; margin: 5px 0;">Note: Effective October 1, 1997. Patent fees are subject to annual revision.</p>	<p style="text-align: center; font-weight: bold; margin: 0;">Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>Not Yet Assigned</td> </tr> <tr> <td>Filing Date</td> <td>September 25, 1998</td> </tr> <tr> <td>First Named Inventor</td> <td>Joseph W. Lyding et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>2815</td> </tr> <tr> <td>Examiner Name</td> <td>D. Hardy</td> </tr> <tr> <td>Attorney Docket Number</td> <td>22010-135/IL+2-CON-2</td> </tr> </table>	Application Number	Not Yet Assigned	Filing Date	September 25, 1998	First Named Inventor	Joseph W. Lyding et al.	Group Art Unit	2815	Examiner Name	D. Hardy	Attorney Docket Number	22010-135/IL+2-CON-2
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TOTAL AMOUNT OF PAYMENT (\$)	790.00												

<p style="text-align: center; font-weight: bold; margin: 0;">METHOD OF PAYMENT (check one)</p> <p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: <span style="border: 1px solid black; padding: 2px;">23-3030</span></p> <p>Deposit Account Name: <span style="border: 1px solid black; padding: 2px;"> </span></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17      <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> Check    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p> <p style="text-align: center; font-weight: bold; margin: 10px 0;">FEE CALCULATION</p> <p><b>1. FILING FEE</b></p> <table style="width: 100%; font-size: small;"> <tr> <th>Large Entity Code</th> <th>Small Entity Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>101</td> <td>201</td> <td>395</td> <td>Utility filing fee</td> <td style="border: 1px solid black; text-align: center;">790</td> </tr> <tr> <td>106</td> <td>330</td> <td>206</td> <td>Design filing fee</td> <td style="border: 1px solid black; text-align: center;"> </td> </tr> <tr> <td>107</td> <td>540</td> <td>207</td> <td>Plant filing fee</td> <td style="border: 1px solid black; text-align: center;"> </td> </tr> <tr> <td>108</td> <td>790</td> <td>208</td> <td>Reissue filing fee</td> <td style="border: 1px solid black; text-align: center;"> </td> </tr> <tr> <td>114</td> <td>150</td> <td>214</td> <td>Provisional filing fee</td> <td style="border: 1px solid black; text-align: center;"> </td> </tr> <tr> <td colspan="4" style="text-align: right; font-weight: bold;">SUBTOTAL (1)</td> <td style="border: 1px solid black; text-align: center;">(\$ 790)</td> </tr> </table> <p><b>2. CLAIMS</b></p> <table style="width: 100%; font-size: small;"> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> <tr> <td>17</td> <td>-20 = 0</td> <td>X 0 = 0</td> <td style="border: 1px solid black; text-align: center;">0</td> </tr> <tr> <td>Independent Claims</td> <td>3</td> <td>-3 = 0</td> <td>X 0 = 0</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td> </td> <td>X  =  </td> <td style="border: 1px solid black; text-align: center;"> </td> </tr> </table> <table style="width: 100%; font-size: small; margin-top: 10px;"> <tr> <th>Large Entity Code</th> <th>Small Entity Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>103</td> <td>22</td> <td>203</td> <td>11 Claims in excess of 20</td> <td style="border: 1px solid black; text-align: center;"> </td> </tr> <tr> <td>102</td> <td>82</td> <td>202</td> <td>41 Independent claims in excess of 3</td> <td style="border: 1px solid black; text-align: center;"> </td> </tr> <tr> <td>104</td> <td>270</td> <td>204</td> <td>135 Multiple dependent claim</td> <td style="border: 1px solid black; text-align: center;"> </td> </tr> <tr> <td>109</td> <td>82</td> <td>209</td> <td>41 Reissue independent claims over original patent</td> <td style="border: 1px solid black; text-align: center;"> </td> </tr> <tr> <td>110</td> <td>22</td> <td>210</td> <td>11 Reissue claims in excess of 20 and over original patent</td> <td style="border: 1px solid black; text-align: center;"> </td> </tr> <tr> <td colspan="4" style="text-align: right; font-weight: bold;">SUBTOTAL (2)</td> <td style="border: 1px solid black; text-align: center;">(\$ 0)</td> </tr> </table>	Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid	101	201	395	Utility filing fee	790	106	330	206	Design filing fee		107	540	207	Plant filing fee		108	790	208	Reissue filing fee		114	150	214	Provisional filing fee		SUBTOTAL (1)				(\$ 790)	Total Claims	Extra	Fee from below	Fee Paid	17	-20 = 0	X 0 = 0	0	Independent Claims	3	-3 = 0	X 0 = 0	Multiple Dependent Claims		X  =		Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid	103	22	203	11 Claims in excess of 20		102	82	202	41 Independent claims in excess of 3		104	270	204	135 Multiple dependent claim		109	82	209	41 Reissue independent claims over original patent		110	22	210	11 Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)				(\$ 0)	<p style="text-align: center; font-weight: bold; margin: 0;">FEE CALCULATION (continued)</p> <p><b>3. 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SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Kenneth A. Gandy			Reg. Number	33,386
Signature				Date	09/25/1998
				Deposit Account User ID	

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